

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 3347 | ((349/61) or (349/56) or (349/69) or (349/139) or (349/147)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/09/22 10:59 |
| L2 | 639 | 1 and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 11:25 |
| L3 | 916 | 1 and ((liquid near3 crystal\$) with (display or panel or screen)) and ((signal or source) with electrode) and ((scan\$4 or gat\$3) with electrode) and (light or source or emit\$4 or emis\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 17:24 |
| L4 | 419 | 1 and ((liquid near3 crystal\$) with (display or panel or screen)) and ((signal or source) with electrode) and ((scan\$4 or gat\$3) with electrode) and (((light or source or emit\$4 or emis\$4) with (plural\$ or multi\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 15:16 |
| L40 | 314 | 1 and ((liquid near3 crystal\$) with (display or panel or screen)) and (((light or source or emit\$4 or emis\$4) with (plural\$ or multi\$4)) same ((scan\$4 or gate or signal or source) with (electrode or bus))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 17:13 |
| L41 | 411 | 1 and ((liquid near3 crystal\$) with (display or panel or screen)) and (((light or source or emit\$4 or emis\$4) with (parallel or align\$4 or collinear or colinear) with (scan\$4 or gate or signal or source))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 17:21 |
| L42 | 15 | 41 and ((simultan\$ or ("same" with time) or concurrent\$) with (shin\$4 or illuminat\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 17:23 |
| L43 | 411 | 41 and ((liquid near3 crystal\$) with (display or panel or screen)) and (((light or source or emit\$4 or emis\$4) with (parallel or align\$4 or collinear or colinear) with (scan\$4 or gate or signal or source or electrode))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 17:21 |
| L44 | 1 | 41 and (field near3 sequen\$6 near3 (driv\$4 or address\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 17:24 |
| L45 | 108 | ((liquid near3 crystal\$) with (display or panel or screen)) and ((signal or source) with electrode) and ((scan\$4 or gat\$3) with electrode) and (light or source or emit\$4 or emis\$4) and (field near3 sequen\$6 near3 (driv\$4 or address\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 18:04 |

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|-----|-----|---|---|----|----|---------------------|
| L46 | 335 | ((liquid near3 crystal\$) with (display or panel or screen)) and ((signal or source) with electrode) and ((scan\$4 or gat\$3) with electrode) and ((light or source or emit\$4 or emis\$4) with (plural\$ or multi\$4) with strip\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 18:08 |
| L47 | 2 | 46 and polari\$ and substrate and (transmi\$ with signal with (complet\$ or set)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 18:07 |
| L48 | 176 | ((liquid near3 crystal\$) and ((color or wavelength) with filter\$3) and ((signal or source) with electrode) and ((scan\$4 or gat\$3) with electrode) and ((light or source or emit\$4 or emis\$4) with (plural\$ or multi\$4) with strip\$3) and substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 18:24 |
| L49 | 106 | ((liquid near3 crystal\$) and ((signal or source) with electrode) and ((scan\$4 or gat\$3) with electrode) and ((light or source or emit\$4 or emis\$4) with (plural\$ or multi\$4) with strip\$3 with substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 18:25 |
| L50 | 76 | ((liquid near3 crystal\$) and (signal or source) and (scan\$4 or gat\$3) and ((light or source or emit\$4 or emis\$4) with (plural\$ or multi\$4) with strip\$3 with substrate) and polari\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 18:43 |
| L51 | 888 | ((liquid near3 crystal\$) and (signal or source) and (scan\$4 or gat\$3) and (light or source or emit\$4 or emis\$4) and polari\$).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 19:44 |
| L52 | 326 | ((liquid near3 crystal\$) and (signal or source) and (scan\$4 or gat\$3) and (light or source or emit\$4 or emis\$4) and polari\$ and (plural\$ or multi\$4) and transmi\$).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 19:52 |
| L53 | 46 | 52 and ((substrate or base) and intensit\$3 and strip\$3).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 19:49 |
| L54 | 130 | ((liquid near3 crystal\$) and (signal or source) and (scan\$4 or gat\$3) and ((light or source or emit\$4 or emis\$4) with (plural\$ or multi\$4)) and polari\$ and transmi\$ and (substrate or base)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 19:54 |
| L55 | 0 | 54 and (electrode and (elaps\$3 with tim\$3)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 19:56 |
| L56 | 0 | 54 and (electrode and extinguish\$).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 19:56 |

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|-----|-----|---|---|----|----|---------------------|
| L57 | 54 | 54 and (voltage\$3 and transmi\$).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/22 19:57 |
| S1 | 94 | ((349/61).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 07:58 |
| S2 | 29 | ((349/56).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 07:58 |
| S3 | 33 | ((349/69).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 07:58 |
| S4 | 303 | ((349/139).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 07:59 |
| S5 | 61 | ((349/147).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 07:59 |
| S6 | 750 | (((((liquid near4 crystal) or lcd) with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$ or light or luminesc\$ or fl??oresc\$ or el))) and (gate or scan\$4) and (signal or source) and electrode and parallel) and polariz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:41 |
| S7 | 48 | "750" and (impuls\$ with display) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:24 |
| S8 | 1 | S6 and (impuls\$ with display) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:25 |
| S9 | 7 | S6 and impuls\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:28 |
| S10 | 31 | S6 and (tim\$3 with light with output) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:40 |

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| S11 | 712 | S6 and tim\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:40 |
| S12 | 5399 | ((liquid near4 crystal) or lcd) with (display or panel)) and (electroluminesc\$ or el) and (gate or scan\$4) and (signal or source) and electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:42 |
| S13 | 5636 | ((liquid near4 crystal) or lcd) with (display or panel)) and (electroluminesc\$ or el or electro?luminesc\$) and (gate or scan\$4) and (signal or source) and electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 09:03 |
| S14 | 124 | S13 and impuls\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:51 |
| S15 | 133 | impuls\$ with type with display | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 08:51 |
| S16 | 7248 | impuls\$ with type | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 09:04 |
| S17 | 235 | S16 and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 09:05 |
| S18 | 3818 | impuls\$ near4 type | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 09:05 |
| S19 | 157 | S18 and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:50 |
| S20 | 0 | JP-64082019-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 09:26 |
| S21 | 2 | JP-11202285-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 09:29 |

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|-----|------|--|---|----|----|---------------------|
| S22 | 2 | JP-11202286-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 09:29 |
| S23 | 10 | ("4382194" "5151805" "5945972" "5977940" "5990855" "6083574" "6088070" "6115018" "6130654" "6331844").PN. | USPAT | OR | ON | 2004/07/13 09:35 |
| S24 | 85 | (impuls\$ near4 driv\$) and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:53 |
| S25 | 29 | (impuls\$ near4 emission) and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:13 |
| S26 | 1089 | impuls\$ and hold\$3 and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:13 |
| S27 | 126 | (impuls\$ same hold\$3) and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:26 |
| S28 | 7056 | impuls\$ | JPO | OR | ON | 2004/07/13 10:26 |
| S29 | 5 | S28 and lcd | JPO | OR | ON | 2004/07/13 10:27 |
| S30 | 46 | S28 and (liquid with crystal) | JPO | OR | ON | 2004/07/13 10:27 |
| S31 | 12 | (impuls\$ with pseudo) and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:32 |
| S32 | 12 | (impuls\$ with pseudo) and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:32 |
| S33 | 822 | S18 and (display or crt) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:50 |
| S34 | 813 | S18 and display | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:50 |

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| S35 | 133 | S18 and crt | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:59 |
| S36 | 5925 | ((motion with imag\$3) or ghost\$) and (((liquid near4 crystal) or lcd) with (display or panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 10:53 |
| S37 | 5 | ("4781437" "5111195" "5977940" "6107980" "6331844").PN. | USPAT | OR | ON | 2004/07/13 10:54 |
| S38 | 3890 | crt same (driv\$3 with circuit\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 11:00 |
| S39 | 1837 | S36 and (driv\$ with circuit\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 11:00 |
| S40 | 333 | S39 and (el or electroluminesc\$ or electro?luminesc\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 11:02 |
| S41 | 4 | ("6222512").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/07/13 15:49 |
| S42 | 62 | (349/56).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2003/04/18 12:17 |
| S43 | 97 | (349/69).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2003/04/18 12:17 |
| S44 | 1579 | (349/139).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2003/04/18 12:17 |

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|-----|------|---|---|----|-----|---------------------|
| S45 | 157 | (349/147).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2003/04/18 12:17 |
| S46 | 767 | (349/61).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2003/04/18 12:34 |
| S47 | 1903 | ((liquid with crystal) and (strip\$ with (illuminat\$ or source or electroluminesc\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/04/18 16:22 |
| S48 | 6 | ("5020881" "5430462" "5800232" "6122022" "6137550" "6233028").PN. | USPAT | OR | ON | 2003/04/18 16:34 |
| S49 | 2 | ("4,894,116").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2003/04/18 16:43 |
| S50 | 2137 | ((liquid with crystal with (display or panel)) and ((gate or scan\$4) with (electrode or line)) and ((source or signal) with (electrode or line)) and ((illuminat\$ or source or electroluminesc\$) with parallel) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/04/18 17:10 |
| S51 | 1093 | ((liquid with crystal with (display or panel)) and ((gate or scan\$4) with (electrode or line)) and ((source or signal) with (electrode or line)) and ((illuminat\$ or source or electroluminesc\$) with parallel)) and tft | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/04/18 17:07 |
| S52 | 337 | ((liquid with crystal with (display or panel)) and ((gate or scan\$4) with (electrode or line)) and ((source or signal) with (electrode or line)) and ((illuminat\$ or source or electroluminesc\$) with parallel)) and tft and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/04/18 17:08 |
| S53 | 1 | ((liquid with crystal with (display or panel)) and ((gate or scan\$4) with (electrode or line)) and ((source or signal) with (electrode or line)) and (electroluminesc\$ with parallel with strip\$) and tft | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/04/18 17:12 |
| S54 | 6 | ((liquid with crystal with (display or panel)) and ((gate or scan\$4) with (electrode or line) with parallel with strip\$) and ((source or signal) with (electrode or line)) and electroluminesc\$ and tft | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/04/18 17:24 |
| S55 | 86 | ((liquid with crystal with (display or panel)) and ((gate or scan\$4) with (electrode or line)) and ((source or signal) with (electrode or line)) and electroluminesc\$ and tft and (waveguide or fiber) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/04/18 17:26 |

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| S56 | 12 | ((liquid with crystal with (display or panel)) and ((gate or scan\$4) with (electrode or line)) and ((source or signal) with (electrode or line)) and electroluminesc\$ and tft and (waveguide) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/04/18 17:27 |
| S57 | 2 | ("6531392").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2003/08/22 16:39 |
| S58 | 4 | ("4211473" "4556287" "4882617" "6295106").PN. | USPAT | OR | ON | 2003/08/22 16:45 |
| S59 | 2 | ("6297862").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2003/08/22 17:08 |
| S60 | 58 | ((liquid with crystal with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$) with parallel with electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/22 17:29 |
| S61 | 3892 | ((liquid with crystal with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$ or light or luminesc\$ or fl??oresc\$))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/22 17:30 |
| S62 | 3933 | ((liquid with crystal with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$ or light or luminesc\$ or fl??oresc\$ or el))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/22 17:31 |
| S63 | 1078 | ((((liquid with crystal with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$ or light or luminesc\$ or fl??oresc\$ or el))) and (gate or scan\$4) and (signal or source) and electrode and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/22 17:33 |
| S64 | 582 | (((((liquid with crystal with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$ or light or luminesc\$ or fl??oresc\$ or el))) and (gate or scan\$4) and (signal or source) and electrode and parallel) and polariz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/07/13 08:23 |
| S65 | 533 | (((((liquid with crystal with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$ or light or luminesc\$ or fl??oresc\$ or el))) and (gate or scan\$4) and (signal or source) and electrode and parallel) and polariz\$) and substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/22 17:35 |
| S66 | 17 | ((((((liquid with crystal with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$ or light or luminesc\$ or fl??oresc\$ or el))) and (gate or scan\$4) and (signal or source) and electrode and parallel) and polariz\$) and substrate) and (duty with cycle) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/22 17:58 |

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|-----|------|--|---|----|----|---------------------|
| S67 | 487 | ((((liquid with crystal with (display or panel)) and (strip\$ with (illuminat\$ or source or electroluminesc\$ or light or luminesc\$ or fl??oresc\$ or el))) and (gate or scan\$4) and (signal or source) and electrode and parallel) and polariz\$) and substrate) and (color or wavelength) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/25 15:22 |
| S68 | 3 | ("5504599" "5612803" "6025894").PN. | USPAT | OR | ON | 2003/08/25 10:07 |
| S69 | 5 | ("5248917" "5337068" "5808410" "5969832" "6111560").PN. | USPAT | OR | ON | 2003/08/25 10:45 |
| S70 | 6 | ("5020881" "5430462" "5800232" "6122022" "6137550" "6233028").PN. | USPAT | OR | ON | 2003/08/25 11:13 |
| S71 | 7755 | (electrolumines\$ or electro?lumines\$ or organic or EL) and (liquid with crystal with (panel or display)) and polariz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/25 15:23 |
| S72 | 162 | ((electrolumines\$ or electro?lumines\$ or organic or EL) with strip\$) and (liquid with crystal with (panel or display)) and polariz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2003/08/25 15:24 |
| S73 | 3 | ("4882517" "5384577" "5790214").PN. | USPAT | OR | ON | 2003/08/25 16:04 |
| S74 | 0 | ("4167307" "4410887" "4470666" "4578672" "4580877" "4600274" "4642619" "4678285").PN. | USPAT | OR | ON | 2003/08/25 17:22 |
| S75 | 8 | ("4167307" "4410887" "4470666" "4578672" "4580877" "4600274" "4642619" "4678285").PN. | USPAT | OR | ON | 2003/08/25 17:22 |
| S76 | 103 | ((349/61).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/06 18:15 |
| S77 | 30 | ((349/56).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/06 18:15 |
| S78 | 34 | ((349/69).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/06 18:16 |
| S79 | 333 | ((349/139).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/06 18:16 |
| S80 | 65 | ((349/147).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/06 18:16 |

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|-----|-----|---|---|----|----|---------------------|
| S81 | 210 | impuls\$ with (driv\$ or address\$) with (display or panel) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 11:57 |
| S82 | 53 | S81 and (lcd or (liquid near3 crystal\$)) and scan\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 10:01 |
| S83 | 10 | ("4382194" "5151805" "5945972" "5977940" "5990855" "6083574" "6088070" "6115018" "6130654" "6331844").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/07 09:52 |
| S84 | 168 | (field near3 sequen\$6 near3 (driv\$4 or address\$)) with (panel or display) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:23 |
| S86 | 66 | S84 and (lcd or (liquid near3 crystal\$)) and scan\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 10:02 |
| S87 | 6 | (field near3 sequen\$6 near3 (driv\$4 or address\$)) and (panel or display) and (turn near3 (on or off) near3 (light or source or backlight or back?light or (back near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 11:41 |
| S88 | 6 | (field near3 sequen\$6 near3 (driv\$4 or address\$)) and (turn near3 (on or off) near3 (light or source or backlight or back?light or (back near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 11:43 |
| S89 | 42 | (field near3 sequen\$6 near3 (driv\$4 or address\$)) and ((turn\$ near3 (on or off)) with (light or source or backlight or back?light or (back near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:27 |
| S90 | 126 | (impuls\$ with (driv\$ or address\$)) and ((turn\$ near3 (on or off)) with (light or source or backlight or back?light or (back near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:26 |
| S91 | 0 | JP-64082019-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:58 |
| S92 | 0 | JP-6482019-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:05 |

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|------|-------|---|---|----|-----|---------------------|
| S93 | 2 | JP-11202285-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:05 |
| S94 | 2 | JP-11202286-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:06 |
| S95 | 14432 | ((scan\$4 or gate) near3 (driv\$4 or address\$)) with (panel or display) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:24 |
| S96 | 751 | S95 and (lcd or (liquid near3 crystal\$)) and ((turn\$ near3 (on or off)) with (light or source or backlight or back?light or (back near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:25 |
| S97 | 918 | S95 and (lcd or (liquid near3 crystal\$)) and (((turn\$ or switch\$4) near3 (on or off)) with (light or source or backlight or back?light or (back near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:25 |
| S98 | 6 | S97 and (impuls\$ with (driv\$ or address\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:27 |
| S99 | 52 | S97 and (field near3 sequen\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 12:34 |
| S100 | 2 | ("6590553").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/12/07 12:34 |
| S101 | 5 | ("4781437" "5111195" "5977940" "6107980" "6331844").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/07 12:55 |
| S102 | 2854 | (345/87).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/12/07 12:55 |
| S103 | 748 | (345/102).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/12/07 12:55 |

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| S104 | 1 | JP-05265403-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 13:00 |
| S105 | 2 | JP-11237606-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/12/07 13:00 |
| S106 | 108 | ((349/61).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/18 16:42 |
| S107 | 31 | ((349/56).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/18 16:43 |
| S108 | 40 | ((349/69).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/18 16:43 |
| S109 | 71 | ((349/147).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/18 16:43 |
| S110 | 360 | ((349/139).CCLS.) and strip\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/18 16:43 |